

**Table F-38. Emission Source Data for the Shellmounds Project Alternative 1 - SCAB Project Region.**

<i>Construction Activity/Equipment Type</i>	<i>Power Rating (Hp)</i>	<i>Load Factor</i>	<i># Active</i>	<i>Hours Per Day</i>	<i>Daily Hp-Hrs</i>	<i>Work Days</i>	<i>Total Hp-Hrs</i>
<b>Transport and Disposal - LA-2 Option</b>							
Tug Boat (1) (2)	3,500	0.80	2	9.6	2,688	12.5	33,600
<b>Transport and Disposal - POLB Re-Use Option</b>							
Tug Boat (1) (2)	3,500	0.80	2	12.8	3,584	12.5	44,800
<b>Transport to POLB/Kern Co. Disposal Option</b>							
Tug Boat (1) (2)	3,500	0.80	2	12.8	3,584	12.5	44,800
Crane - 60-Ton (3)	190	0.50	1	12	1,140	12.5	14,250
Haul Trucks - To Upland Site (4)	NA	NA	170	270	45,900	12.5	573,750
<b>Transport to POLB/SCAB Upland Disposal Option</b>							
Tug Boat (1) (2)	3,500	0.80	2	12.8	3,584	12.5	44,800
Crane - 60-Ton (3)	190	0.50	1	12	1,140	12.5	14,250
Haul Trucks - Upland disposal (5)	NA	NA	108	270	29,160	12.5	364,500

Notes: (1) Hours per day = round trip travel time only within the SCAB project region at 5 kts.

(2) Daily and Total Hp-Hrs = daily and total fuel usages in gallons for vessel main engines.

(3) Hourly removal rate = 15 cy bucket \* 30 lifts/hr = 450 cyh. Daily volume transferred = 3,600 cy solid + 33% water = 5,400 cy.

(4) Number Active is the roundtrip miles within the SCAB between the POLB and Kern County, Hours/Day are the daily trips, and Daily and Total Hp-Hrs are daily and total miles. With a truck capacity of 20 cy, daily truck trips = 5,400 cy/ 20 cy = 270.

(5) Same as #4, but mileage based on roundtrip to and from West Covina Landfill.

**Table F-39. Emission Source Data for the Shellmounds Project Alternative 2 - SCAB Project Region.**

<i>Construction Activity/Equipment Type</i>	<i>Power Rating (Hp)</i>	<i>Load Factor</i>	<i># Active</i>	<i>Hours Per Day</i>	<i>Daily Hp-Hrs</i>	<i>Work Days</i>	<i>Total Hp-Hrs</i>
<b>Transport to POLB/SCAB Upland Disposal</b>							
Tug Boat (1) (2)	3,500	0.80	1	12.8	1,792	1.0	1,792
Crane - 60-Ton	190	0.50	1	8	760	1.0	760
Haul Trucks - Upland disposal (3)	NA	NA	108	110	11,880	1.0	11,880

Notes: (1) Hours per day = round trip travel time only within the SCAB project region at 5 kts.

(2) Daily and Total Hp-Hrs = daily and total fuel usages in gallons for vessel main engines. Assumes the use of one 3,600 cy barge to transport the estimated 2,200 cy of caisson materials.

(3) Number Active is the roundtrip miles between the POLB and Covina Hills Landfill, Hours/Day are the daily trips, and Daily and Total Hp-Hrs are the daily and total miles. With a truck capacity of 20 cy, daily truck trips = 2,200 cy/ 20 cy = 110.

**Table F-40. Emission Source Data for the Shellmounds Project Alternative 3 - SCAB Project Region.**

<i>Construction Activity/Equipment Type</i>	<i>Power Rating (Hp)</i>	<i>Load Factor</i>	<i># Active</i>	<i>Hours Per Day</i>	<i>Daily Hp-Hrs</i>	<i>Work Days</i>	<i>Total Hp-Hrs</i>
<b>Material Transport/Placement - 6% Slope Option (1)</b>							
Tug Boat (2) (3)	3,500	0.80	4	12.8	7,168	71.0	508,928
<b>Material Transport/Placement - 4% Slope Option (4)</b>							
Tug Boat (2) (3)	3,500	0.80	4	12.8	7,168	166.0	1,189,888

Notes: (1) The 6% slope alternative would require 612,000 cy of material. Barge capacity = 3,600 cy. Since hydraulic dredge sediments = 40% water, solid content of barge =  $3,600 \times 0.6 = 2,160$  cy. Total number of barges =  $612,000 \text{ cy} / 2,160 \text{ cy} = 284$ .

(2) Hours per day = round trip travel time only within the SCAB project region at 5 kts.

(3) Daily and Total Hp-Hrs = daily and total fuel usages in gallons for vessel main engines.

(4) The 4% slope alternative would require 1,432,000 cy of material. Total number of barges =  $1,432,000 \text{ cy} / 2,160 \text{ cy} = 663$ .

**Table F-41. Emission Source Data for the Shellmounds Project Alternatives 4 or 5b - SCAB Project Region.**

<i>Construction Activity/Equipment Type</i>	<i>Power Rating (Hp)</i>	<i>Load Factor</i>	<i># Active</i>	<i>Hours Per Day</i>	<i>Hourly Hp-Hrs</i>	<i>Work Days</i>	<i>Total Hp-Hrs</i>
<b>Rock Transport and Placement (1)</b>							
Tug Boat (2) (3)	2,200	0.80	1	13.6	1,197	8.0	9,574

Notes: (1) The alternative would require 16,000 tons of rock. Barge capacity = 2,000 tons.

(2) Hours per day = round trip travel time only within the SCAB project region at 5 kts.

(3) Daily and Total Hp-Hrs = daily and total fuel usages in gallons for vessel main engines.

Table F-42. Emission Source Data for the Shellmounds Project Alternative 5a - SCAB Project Region.

<i>Construction Activity/Equipment Type</i>	<i>Power Rating (Hp)</i>	<i>Load Factor</i>	<i># Active</i>	<i>Hours Per Day</i>	<i>Daily Hp-Hrs</i>	<i>Work Days</i>	<i>Total Hp-Hrs</i>
<b>Transport and Disposal - LA-2 Option</b>							
Tug Boat (1) (2)	3,500	0.80	2	9.6	2,688	12.5	33,600
<b>Transport and Disposal - POLB Re-Use Option</b>							
Tug Boat (1) (2)	3,500	0.80	2	12.8	3,584	12.5	44,800
<b>Transport to POLB/Kern Co. Disposal Option</b>							
Tug Boat (1) (2)	3,500	0.80	2	12.8	3,584	12.5	44,800
Crane - 60-Ton (3)	190	0.50	1	12	1,140	12.5	14,250
Haul Trucks - To Upland Site (4)	NA	NA	170	270	45,900	12.5	573,750
<b>Transport to POLB/SCAB Upland Disposal Option</b>							
Tug Boat (1) (2)	3,500	0.80	2	12.8	3,584	12.5	44,800
Crane - 60-Ton (3)	190	0.50	1	12	1,140	12.5	14,250
Haul Trucks - To Upland Site (5)	NA	NA	108	270	29,160	12.5	364,500
<b>Rock Transport and Placement (6)</b>							
Tug Boat (1) (2)	2,200	0.80	1	13.6	1,197	8.0	9,574

Notes: (1) Hours per day = round trip travel time only within the SCAB project region at 5 kts.

(2) Daily and Total Hp-Hrs = daily and total fuel usages in gallons for vessel main engines.

(3) Hourly removal rate = 15 cy bucket \* 30 lifts/hr = 450 cyh. Daily volume transferred = 3,600 cy solid + 33% water = 5,400 cy.

(4) Number Active is the roundtrip miles within the SCAB between the POLB and Kern County, Hours/Day are the daily trips, and Daily and Total Hp-Hrs are daily and total miles. With a truck capacity of 20 cy, daily truck trips = 5,400 cy/ 20 cy = 270.

(5) Same as #4, but mileage based on roundtrip to and from West Covina Landfill.

(6) The alternative would require 16,000 tons of rock. Barge capacity = 2,000 tons.

Table F-43. Daily Emissions from the Shellmounds Project Alternative 1 - SCAB Project Region.

Activity/Equipment Type	Daily Emissions (Pounds)				
	ROG	CO	NOx	SO <sub>2</sub>	PM <sub>10</sub>
<b>Transport and Disposal - LA-2 Option</b>					
Tug Boat	49.0	153.2	1,126.3	72.3	24.2
<b>Transport and Disposal - POLB Re-Use Option</b>					
Tug Boat	65.4	204.3	1,501.7	96.4	32.3
<b>Transport to POLB/Kern Co. Disposal Option</b>					
Tug Boat	65.4	204.3	1,501.7	96.4	32.3
Crane - 60-Ton	2.2	10.6	27.6	0.5	1.4
Haul Trucks - To Upland Site	79.1	1,043.5	1,820.4	13.2	31.0
<b>Transport and Disposal Option Emissions - Subtotal</b>	<b>147</b>	<b>1,258</b>	<b>3,350</b>	<b>110</b>	<b>65</b>
<b>Transport to POLB/SCAB Upland Disposal Option</b>					
Tug Boat	65.4	204.3	1,501.7	96.4	32.3
Crane - 60-Ton	2.2	10.6	27.6	0.5	1.4
Haul Trucks - Upland disposal	50.8	665.6	1,160.8	8.4	19.7
<b>Transport and Disposal Option Emissions - Subtotal</b>	<b>118</b>	<b>880</b>	<b>2,690</b>	<b>105</b>	<b>53</b>
<b>Total and Peak Daily Emissions - LA-2 Disposal Option</b>	<b>49</b>	<b>153</b>	<b>1,126</b>	<b>72</b>	<b>24</b>
<b>Mitigated Peak Daily Emissions - LA-2 Disposal Option (1)</b>	<b>49</b>	<b>153</b>	<b>800</b>	<b>72</b>	<b>9</b>
<b>Total and Peak Daily Emissions - POLB Re-Use Option</b>	<b>65</b>	<b>204</b>	<b>1,502</b>	<b>96</b>	<b>32</b>
<b>Mitigated Peak Daily Emissions - POLB Re-Use Option (1)</b>	<b>65</b>	<b>204</b>	<b>1,066</b>	<b>96</b>	<b>12</b>
<b>Total and Peak Daily Emissions - Kern Co. Disposal Option</b>	<b>147</b>	<b>1,258</b>	<b>3,350</b>	<b>110</b>	<b>65</b>
<b>Mitigated Peak Daily Emissions - Kern Co. Disposal Option (1)</b>	<b>147</b>	<b>1,258</b>	<b>2,378</b>	<b>110</b>	<b>24</b>
<b>Total and Peak Daily Emissions - SCAB Upland Disposal Option</b>	<b>118</b>	<b>880</b>	<b>2,690</b>	<b>105</b>	<b>53</b>
<b>Mitigated Peak Daily Emissions - SCAB Upland Disposal Option (1)</b>	<b>118</b>	<b>880</b>	<b>1,910</b>	<b>105</b>	<b>20</b>

Note: (1) Use of emulsified diesel fuel would reduce NOx and PM emissions from these sources by 14 and 62.9 percent, respectively.

Table F-44. Daily Emissions from the Shellmounds Project Alternative 2 - SCAB Project Region.

Activity/Equipment Type	Daily Emissions (Pounds)				
	ROG	CO	NOx	SO <sub>2</sub>	PM <sub>10</sub>
<b>Transport to POLB/Upland Disposal in SCAB</b>					
Tug Boat	32.7	102.1	750.8	48.2	16.1
Crane - 60-Ton	1.5	7.0	18.4	0.3	0.9
Haul Trucks - Upland disposal	20.7	271.2	472.9	3.4	8.0
<b>Transport and Upland Disposal Emissions</b>	<b>55</b>	<b>380</b>	<b>1,242</b>	<b>52</b>	<b>25</b>
<b>Total and Peak Daily Emissions</b>	<b>55</b>	<b>380</b>	<b>1,242</b>	<b>52</b>	<b>25</b>
<b>Mitigated Peak Daily Emissions (1)</b>	<b>55</b>	<b>380</b>	<b>882</b>	<b>52</b>	<b>9</b>

Note: (1) Use of emulsified diesel fuel would reduce NOx and PM emissions from these sources by 14 and 62.9 percent, respectively.

Table F-45. Daily Emissions from the Shellmounds Project Alternative 3 - SCAB Project Region.

Activity/Equipment Type	Daily Emissions (Pounds)				
	ROG	CO	NOx	SO <sub>2</sub>	PM <sub>10</sub>
<b>Material Transport/Placement - 6% Slope Option</b>					
Tug Boat	130.7	408.6	3,003.4	192.8	64.5
<b>Material Transport/Placement - 4% Slope Option</b>					
Tug Boat	130.7	408.6	3,003.4	192.8	64.5
<b>Total and Peak Daily Emissions - 6% Slope Option</b>	<b>131</b>	<b>409</b>	<b>3,003</b>	<b>193</b>	<b>65</b>
<b>Mitigated Peak Daily Emissions - 6% Slope Option (1)</b>	<b>131</b>	<b>409</b>	<b>2,132</b>	<b>193</b>	<b>24</b>
<b>Total and Peak Daily Emissions - 4% Slope Option</b>	<b>131</b>	<b>409</b>	<b>3,003</b>	<b>193</b>	<b>65</b>
<b>Mitigated Peak Daily Emissions - 4% Slope Option (1)</b>	<b>131</b>	<b>409</b>	<b>2,132</b>	<b>193</b>	<b>24</b>

Note: (1) Use of emulsified diesel fuel would reduce NOx and PM emissions from these sources by 14 and 62.9 percent, respectively.

Table F-46. Daily Emissions from the Shellmounds Project Alternatives 4 or 5b - SCAB Project Region.

Activity/Equipment Type	Daily Emissions (Pounds)				
	ROG	CO	NOx	SO <sub>2</sub>	PM <sub>10</sub>
<b>Rock Transport and Placement</b>					
Tug Boat	21.8	68.2	501.5	32.2	10.8
<b>Alternative 4 or 5b Total and Peak Daily Emissions</b>	<b>22</b>	<b>68</b>	<b>501</b>	<b>32</b>	<b>11</b>
<b>Alternative 4 or 5b Mitigated Peak Daily Emissions (1)</b>	<b>22</b>	<b>68</b>	<b>356</b>	<b>32</b>	<b>4</b>

Note: (1) Use of emulsified diesel fuel would reduce NOx and PM emissions from these sources by 14 and 62.9 percent, respectively.

Table F-47. Daily Emissions from the Shellmounds Project Alternative 5a - SCAB Project Region.

Activity/Equipment Type	Daily Emissions (Pounds)				
	ROG	CO	NOx	SO <sub>2</sub>	PM <sub>10</sub>
<b>Transport and Disposal - LA-2 Option</b>					
Tug Boat	49.0	153.2	1,126.3	72.3	24.2
<b>Transport and Disposal - POLB Re-Use Option</b>					
Tug Boat	65.4	204.3	1,501.7	96.4	32.3
<b>Transport to POLB/Kern Co. Disposal Option</b>					
Tug Boat	65.4	204.3	1,501.7	96.4	32.3
Crane - 60-Ton	2.2	10.6	27.6	0.5	1.4
Haul Trucks - Upland disposal	79.1	1,043.5	1,820.4	13.2	31.0
<b>Transport and Disposal Option Emissions - Subtotal</b>	<b>147</b>	<b>1,258</b>	<b>3,350</b>	<b>110</b>	<b>65</b>
<b>Transport to POLB/SCAB Upland Disposal Option</b>					
Tug Boat	65.4	204.3	1,501.7	96.4	32.3
Crane - 60-Ton	2.2	10.6	27.6	0.5	1.4
Haul Trucks - Upland disposal	50.8	665.6	1,160.8	8.4	19.7
<b>Transport and Disposal Option Emissions - Subtotal</b>	<b>118</b>	<b>880</b>	<b>2,690</b>	<b>105</b>	<b>53</b>
<b>Rock Transport and Placement</b>					
Tug Boat	21.8	68.2	501.5	32.2	10.8
<b>Total Daily Emissions - LA-2 Disposal Option</b>	<b>71</b>	<b>221</b>	<b>1,628</b>	<b>105</b>	<b>35</b>
<b>Peak Daily Emissions - LA-2 Disposal Option (1)</b>	<b>49</b>	<b>153</b>	<b>1,126</b>	<b>72</b>	<b>24</b>
<b>Mitigated Peak Daily Emissions - LA-2 Disposal Option (2)</b>	<b>49</b>	<b>153</b>	<b>800</b>	<b>72</b>	<b>9</b>
<b>Total Daily Emissions - POLB Re-Use Option</b>	<b>87</b>	<b>273</b>	<b>2,003</b>	<b>129</b>	<b>43</b>
<b>Peak Daily Emissions - POLB Re-Use Option (1)</b>	<b>65</b>	<b>204</b>	<b>1,502</b>	<b>96</b>	<b>32</b>
<b>Mitigated Peak Daily Emissions - POLB Re-Use Option (2)</b>	<b>65</b>	<b>204</b>	<b>1,066</b>	<b>96</b>	<b>12</b>
<b>Total Daily Emissions - Kern Co. Disposal Option</b>	<b>168</b>	<b>1,327</b>	<b>3,851</b>	<b>142</b>	<b>75</b>
<b>Peak Daily Emissions - Kern Co. Disposal Option (1)</b>	<b>147</b>	<b>1,258</b>	<b>3,350</b>	<b>110</b>	<b>65</b>
<b>Mitigated Peak Daily Emissions - Kern Co. Disposal Option (2)</b>	<b>147</b>	<b>1,258</b>	<b>2,378</b>	<b>110</b>	<b>24</b>
<b>Total Daily Emissions - SCAB Upland Disposal Option</b>	<b>140</b>	<b>949</b>	<b>3,192</b>	<b>137</b>	<b>64</b>
<b>Peak Daily Emissions - SCAB Upland Disposal Option (1)</b>	<b>118</b>	<b>880</b>	<b>2,690</b>	<b>105</b>	<b>53</b>
<b>Mitigated Peak Daily Emissions - SCAB Upland Disposal Option (2)</b>	<b>118</b>	<b>880</b>	<b>1,910</b>	<b>105</b>	<b>20</b>

Note: (1) Peak daily emissions would occur during transport of shell mounds by tugboat and/or haul trucks.

(2) Use of emulsified diesel fuel would reduce NOx and PM emissions from these sources by 14 and 62.9 percent, respectively.

Table F-48. Total Emissions from the Shellmounds Project Alternative 1 - SCAB Project Region.

Activity/Equipment Type	Total Emissions (Tons)				
	ROG	CO	NOx	SO <sub>2</sub>	PM <sub>10</sub>
<b>Transport and Disposal - LA-2 Option</b>					
Tug Boat	0.31	0.96	7.04	0.45	0.15
<b>Transport and Disposal - POLB Re-Use Option</b>					
Tug Boat	0.41	1.28	9.39	0.60	0.20
<b>Transport to POLB/Kern Co. Disposal Option</b>					
Tug Boat	0.41	1.28	9.39	0.60	0.20
Crane - 60-Ton	0.01	0.07	0.17	0.00	0.01
Haul Trucks - To Upland Site	0.49	6.52	11.38	0.08	0.19
<b>Transport and Disposal Option Emissions - Subtotal</b>	<b>0.92</b>	<b>7.86</b>	<b>20.94</b>	<b>0.69</b>	<b>0.40</b>
<b>Transport to POLB/SCAB Upland Disposal Option</b>					
Tug Boat	0.41	1.28	9.39	0.60	0.20
Crane - 60-Ton	0.01	0.07	0.17	0.00	0.01
Haul Trucks - Upland disposal	0.32	4.16	7.25	0.05	0.12
<b>Transport and Disposal Option Emissions - Subtotal</b>	<b>0.74</b>	<b>5.50</b>	<b>16.81</b>	<b>0.66</b>	<b>0.33</b>
<b>Total Emissions - LA-2 Disposal Option</b>	<b>0.31</b>	<b>0.96</b>	<b>7.04</b>	<b>0.45</b>	<b>0.15</b>
<b>Mitigated Total Emissions - LA-2 Disposal Option</b>	<b>0.31</b>	<b>0.96</b>	<b>5.00</b>	<b>0.45</b>	<b>0.06</b>
<b>Total Emissions - POLB Re-Use Option</b>	<b>0.41</b>	<b>1.28</b>	<b>9.39</b>	<b>0.60</b>	<b>0.20</b>
<b>Mitigated Total Emissions - POLB Re-Use Option</b>	<b>0.41</b>	<b>1.28</b>	<b>6.66</b>	<b>0.60</b>	<b>0.07</b>
<b>Total Emissions - Kern Co. Disposal Option</b>	<b>0.92</b>	<b>7.86</b>	<b>20.94</b>	<b>0.69</b>	<b>0.40</b>
<b>Mitigated Total Emissions - Kern Co. Disposal Option</b>	<b>0.92</b>	<b>7.86</b>	<b>14.86</b>	<b>0.69</b>	<b>0.15</b>
<b>Total Emissions - SCAB Upland Disposal Option</b>	<b>0.74</b>	<b>5.50</b>	<b>16.81</b>	<b>0.66</b>	<b>0.33</b>
<b>Mitigated Total Emissions - SCAB Upland Disposal Option</b>	<b>0.74</b>	<b>5.50</b>	<b>11.94</b>	<b>0.66</b>	<b>0.12</b>

Table F-49. Total Emissions from the Shellmounds Project Alternative 2 - SCAB Project Region.

Activity/Equipment Type	Total Emissions (Tons)				
	ROG	CO	NOx	SO <sub>2</sub>	PM <sub>10</sub>
<b>Transport to POLB/Upland Disposal in SCAB</b>					
Tug Boat	0.02	0.05	0.38	0.02	0.01
Crane - 60-Ton	0.00	0.00	0.01	0.00	0.00
Haul Trucks - Upland disposal	0.01	0.14	0.24	0.00	0.00
<b>Transport and Upland Disposal Emissions</b>	<b>0.03</b>	<b>0.19</b>	<b>0.62</b>	<b>0.03</b>	<b>0.01</b>
<b>Total Alternative 2 Emissions</b>	<b>0.03</b>	<b>0.19</b>	<b>0.62</b>	<b>0.03</b>	<b>0.01</b>
<b>Mitigated Total Emissions</b>	<b>0.03</b>	<b>0.19</b>	<b>0.51</b>	<b>0.03</b>	<b>0.01</b>

Table F-50. Total Emissions from the Shellmounds Project Alternative 3 - SCAB Project Region.

Activity/Equipment Type	Total Emissions (Tons)				
	ROG	CO	NOx	SO <sub>2</sub>	PM <sub>10</sub>
Material Transport/Placement - 6% Slope Option					
Tug Boat	4.64	14.50	106.62	6.85	2.29
Material Transport/Placement - 6% Slope Option Emissions	4.64	14.50	106.62	6.85	2.29
Material Transport/Placement - 4% Slope Option					
Tug Boat	10.85	33.91	249.28	16.00	5.35
Material Transport/Placement - 4% Slope Option Emissions	10.85	33.91	249.28	16.00	5.35
Total Alternative 3 Emissions - 6% Slope Option	4.64	14.50	106.62	6.85	2.29
Mitigated Total Alternative 3 Emissions - 6% Slope Option	4.64	14.50	75.70	6.85	0.85
Total Alternative 3 Emissions - 4% Slope Option	10.85	33.91	249.28	16.00	5.35
Mitigated Total Alternative 3 Emissions - 4% Slope Option	10.85	33.91	176.99	16.00	1.99

Table F-51. Total Emissions from the Shellmounds Project Alternatives 4 or 5b - SCAB Project Region.

Activity/Equipment Type	Total Emissions (Tons)				
	ROG	CO	NOx	SO <sub>2</sub>	PM <sub>10</sub>
Rock Transport and Placement					
Tug Boat	0.09	0.27	2.01	0.13	0.04
Total Alternative 4 or 5b Emissions	0.09	0.27	2.01	0.13	0.04
Mitigated Total Alternative 4 or 5b Emissions	0.09	0.27	1.42	0.13	0.02



Table F-52. Total Emissions from the Shellmounds Project Alternative 5a - SCAB Project Region.

Activity/Equipment Type	Total Emissions (Tons)				
	ROG	CO	NOx	SO <sub>2</sub>	PM <sub>10</sub>
<b>Transport and Disposal - LA-2 Option</b>					
Tug Boat	0.31	0.96	7.04	0.45	0.15
<b>Transport and Disposal - POLB Re-Use Option</b>					
Tug Boat	0.41	1.28	9.39	0.60	0.20
<b>Transport to POLB/Kern Co. Disposal Option</b>					
Tug Boat	0.41	1.28	9.39	0.60	0.20
Crane - 60-Ton	0.01	0.07	0.17	0.00	0.01
Haul Trucks - Upland disposal	0.49	6.52	11.38	0.08	0.19
<b>Transport and Disposal Option Emissions - Subtotal</b>	<b>0.92</b>	<b>7.86</b>	<b>20.94</b>	<b>0.69</b>	<b>0.40</b>
<b>Transport to POLB/SCAB Upland Disposal Option</b>					
Tug Boat	0.41	1.28	9.39	0.60	0.20
Crane - 60-Ton	0.01	0.07	0.17	0.00	0.01
Haul Trucks - Upland disposal	0.32	4.16	7.25	0.05	0.12
<b>Transport and Disposal Option Emissions - Subtotal</b>	<b>0.74</b>	<b>5.50</b>	<b>16.81</b>	<b>0.66</b>	<b>0.33</b>
<b>Rock Transport and Placement</b>					
Tug Boat	0.09	0.27	2.01	0.13	0.04
<b>Total Emissions - LA-2 Disposal Option</b>	<b>0.39</b>	<b>1.23</b>	<b>9.05</b>	<b>0.58</b>	<b>0.19</b>
<b>Mitigated Total Emissions - LA-2 Disposal Option</b>	<b>0.39</b>	<b>1.23</b>	<b>6.42</b>	<b>0.58</b>	<b>0.07</b>
<b>Total Emissions - POLB Re-Use Option</b>	<b>0.50</b>	<b>1.55</b>	<b>11.39</b>	<b>0.73</b>	<b>0.24</b>
<b>Mitigated Total Emissions - POLB Re-Use Option</b>	<b>0.50</b>	<b>1.55</b>	<b>8.09</b>	<b>0.73</b>	<b>0.09</b>
<b>Total Emissions - Kern Co. Disposal Option</b>	<b>1.00</b>	<b>8.14</b>	<b>22.94</b>	<b>0.82</b>	<b>0.45</b>
<b>Mitigated Total Emissions - Kern Co. Disposal Option</b>	<b>1.00</b>	<b>8.14</b>	<b>16.29</b>	<b>0.82</b>	<b>0.17</b>
<b>Total Emissions - SCAB Upland Disposal Option</b>	<b>0.83</b>	<b>5.78</b>	<b>18.82</b>	<b>0.79</b>	<b>0.38</b>
<b>Mitigated Total Emissions - SCAB Upland Disposal Option</b>	<b>0.83</b>	<b>5.78</b>	<b>13.36</b>	<b>0.79</b>	<b>0.14</b>